

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs               | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-------------------|------------------|---------|------------------|
| L1    | 317  | (607/4 607/9 607/11 607/14).ccls. and implant \$6 and (hous\$3 cas\$3) and cardiac and detect\$3 and lead\$1 and (control\$5 microcontrol\$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6) and puls\$3 and (ppm (puls\$3 with minute\$1)) | US-PGPUB; USPAT   | OR               | OFF     | 2011/02/24 15:07 |
| L3    | 690  | ("607"/\$).ccls. and implant \$6 and (hous\$3 cas\$3) and cardiac and detect\$3 and lead\$1 and (control\$5 microcontrol\$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6) and puls\$3 and (ppm (puls\$3 with minute\$1))                  | US-PGPUB; USPAT   | OR               | OFF     | 2011/02/24 15:10 |
| L4    | 373  | 3 not 1  | US-PGPUB; USPAT   | OR               | OFF     | 2011/02/24 15:10 |
| L5    | 3    | implant\$6 and (hous\$3 cas\$3) and cardiac and detect\$3 and lead\$1 and (control\$5 microcontrol\$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6) and puls\$3   | EPO; JPO; DERWENT | OR               | OFF     | 2011/02/24 15:14 |

|    |     |  |                           |    |     |                     |
|----|-----|--|---------------------------|----|-----|---------------------|
| L6 | 133 | ("3566876"   "3857398"  <br>"3985123"   "3991747"  <br>"4129125"   "4289141"  <br>"4318412"   "4384585"  <br>"4428381"   "4458693"  <br>"4531527"   "4562841"  <br>"4585008"   "4625730"  <br>"4641328"   "4688168"  <br>"4799493"   "4850357"  <br>"4869252"   "4895151"  <br>"4940054"   "4958632"  <br>"4998974"   "5007422"  <br>"5007427"   "5027824"  <br>"5063928"   "5074301"  <br>"5111818"   "5117825"  <br>"5127404"   "5144947"  <br>"5161527"   "5178140"  <br>"5181511"   "5183040"  <br>"5184615"   "5203326"  <br>"5215081"   "5215083"  <br>"5233985"   "5246000"  <br>"5251621"   "5251626"  <br>"5261411"   "5274549"  <br>"5292339"   "5292343"  <br>"5292348"   "5300093"  <br>"5304931"   "5305760"  <br>"5314450"   "5336245"  <br>"5354319"   "5360437"  <br>"5370665"   "5437285"  <br>"5480411"   "5524629"  <br>"5535753"   "5545185"  <br>"5562714"   "5607458"  <br>"5620472"   "5630835"  <br>"5630836"   "5640953"  <br>"5647369"   "5661035"  <br>"5662691"   "5682899"  <br>"5685314"   "5687733"  <br>"5690690"   "5724582"  <br>"5725559"   "5730143"  <br>"5735286"   "5735797"  <br>"5741316"   "5752977"  <br>"5792201"   "5795725"  <br>"5800473"   "5842997"  <br>"5843138"   "5908392"  <br>"5916168"   "5921940").<br>PN. OR ("2004/0215239"<br>  "5074301"   "6285909").<br>URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2011/02/24<br>15:14 |
|----|-----|--|---------------------------|----|-----|---------------------|

|    |      |  |                        |    |     |                  |
|----|------|--|------------------------|----|-----|------------------|
| L7 | 4    | 6 and implant\$6 and (hous\$3 cas\$3) and cardiac and detect\$3 and lead\$1 and (control\$5 microcontrol\$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6) and puls\$3 and (ppm (puls\$3 with minute\$1))                                  | US-PGPUB; USPAT        | OR | OFF | 2011/02/24 15:14 |
| S1 | 1904 | (607/4 607/9 607/11 607/14).ccls. and implant \$6 and (hous\$3 cas\$3) and cardiac and detect\$3 and lead\$1 and (control\$5 microcontrol\$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6 defibrillat\$4 cardiover\$6)                    | US-PGPUB; USPAT        | OR | OFF | 2010/07/15 13:20 |
| S2 | 301  | (607/4 607/9 607/11 607/14).ccls. and implant \$6 and (hous\$3 cas\$3) and cardiac and detect\$3 and lead\$1 and (control\$5 microcontrol\$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6) and puls\$3 and (ppm (puls\$3 with minute\$1)) | US-PGPUB; USPAT        | OR | OFF | 2010/07/15 13:21 |
| S3 | 1    | ("5074301").PN.  | US-PGPUB; USPAT        | OR | OFF | 2010/07/15 13:22 |
| S4 | 31   | ("3566876"   "3857398"   "4384585"   "4850357"   "4869252"   "4895151"   "5007422").PN. OR ("5074301").URPN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/07/15 13:22 |
| S5 | 2    | S4 and implant\$6 and (hous\$3 cas\$3) and cardiac and detect\$3 and lead\$1 and (control\$5 microcontrol\$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6) and puls\$3 and (ppm (puls\$3 with minute\$1))                                 | US-PGPUB; USPAT        | OR | OFF | 2010/07/15 13:22 |

|     |     |  |                   |    |     |                  |
|-----|-----|--|-------------------|----|-----|------------------|
| S6  | 648 | ("607"/\$).ccds. and implant \$6 and (hous\$3 cas\$3) and cardiac and detect\$3 and lead\$1 and (control\$5 microcontrol\$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6) and puls\$3 and (ppm (puls\$3 with minute\$1))  | US-PGPUB; USPAT   | OR | OFF | 2010/07/15 14:17 |
| S7  | 347 | S6 not S2  | US-PGPUB; USPAT   | OR | OFF | 2010/07/15 14:17 |
| S8  | 197 | S7 and @ad<"20030411"  | US-PGPUB; USPAT   | OR | OFF | 2010/07/15 14:17 |
| S9  | 0   | implant\$6 and (hous\$3 cas \$3) and cardiac and detect \$3 and lead\$1 and (control \$5 microcontrol\$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6) and puls\$3 and (ppm (puls\$3 with minute\$1))   | EPO; JPO; DERWENT | OR | OFF | 2010/07/15 14:21 |
| S10 | 3   | implant\$6 and (hous\$3 cas \$3) and cardiac and detect \$3 and lead\$1 and (control \$5 microcontrol\$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6) and puls\$3  | EPO; JPO; DERWENT | OR | OFF | 2010/07/15 14:21 |
| S12 | 57  | ("20020107553"   "20040215240"   "20040230229"   "20040230230"   "20050004615"   "4312355"   "4693253"   "4784162"   "4827943"   "4940054"   "5003975"   "5156157"   "5188106"   "5306293"   "5318593"   "5318594"   "5318597"   "5417717"   "5527345"   "5601607"   "5603331"   "5606969"   "5607385"   "5797967"   "5814079"   "5869970"   "5919141"   "5961446"   "5961450"   "6050940"   "6205357"   "6303270"   "6304773"   "6306088"   "6351670" | US-PGPUB; USPAT   | OR | OFF | 2010/11/15 17:54 |

|     |     |  |                      |    |     |                     |
|-----|-----|--|----------------------|----|-----|---------------------|
|     |     | "6375614"   "6442433"  <br>"6450957"   "6454708"  <br>"6556862"   "6625491"  <br>"6628986"   "6704590"  <br>"6708058"   "6799072"  <br>"6845268"   "6892095"  <br>"6895273"   "6922589"  <br>"7189204"   "7252640"  <br>"7289854"   "7346392"  <br>"7369333"   "7392081"  <br>"7515969"   "7570997").<br>PN. |                      |    |     |                     |
| S13 | 310 | (607/4 607/9 607/11<br>607/14).ccls. and implant<br>\$6 and (hous\$3 cas\$3)<br>and cardiac and detect\$3<br>and lead\$1 and (control\$5<br>microcontrol\$5) and<br>(arrhythmia<br>tachyarrhythmia<br>tachycardia) and (pac\$1<br>stimulat\$6) and puls\$3<br>and (ppm (puls\$3 with<br>minute\$1))          | US-PGPUB;<br>USPAT   | OR | OFF | 2010/11/15<br>17:54 |
| S14 | 668 | ("607"/\$).ccls. and implant<br>\$6 and (hous\$3 cas\$3)<br>and cardiac and detect\$3<br>and lead\$1 and (control\$5<br>microcontrol\$5) and<br>(arrhythmia<br>tachyarrhythmia<br>tachycardia) and (pac\$1<br>stimulat\$6) and puls\$3<br>and (ppm (puls\$3 with<br>minute\$1))                              | US-PGPUB;<br>USPAT   | OR | OFF | 2010/11/15<br>17:54 |
| S15 | 358 | S14 not S13  | US-PGPUB;<br>USPAT   | OR | OFF | 2010/11/15<br>17:54 |
| S16 | 197 | S15 and<br>@ad<"20030411"  | US-PGPUB;<br>USPAT   | OR | OFF | 2010/11/15<br>17:54 |
| S17 | 3   | implant\$6 and (hous\$3 cas<br>\$3) and cardiac and detect<br>\$3 and lead\$1 and (control<br>\$5 microcontrol\$5) and<br>(arrhythmia<br>tachyarrhythmia<br>tachycardia) and (pac\$1<br>stimulat\$6) and puls\$3   | EPO; JPO;<br>DERWENT | OR | OFF | 2010/11/15<br>17:55 |
| S18 | 61  | (FAVET with MIKE).in.<br>(LOVETT with ERIC).in.  | US-PGPUB;<br>USPAT   | OR | OFF | 2010/11/15<br>17:56 |

**EAST Search History (Interference)**

| Ref # | Hits | Search Query  | DBs                         | Default Operator | Plurals | Time Stamp       |
|-------|------|---|-----------------------------|------------------|---------|------------------|
| L9    | 25   | (implant\$6 and (hous\$3 cas\$3) and cardiac and detect\$3 and lead\$1 and (control\$5 microcontrol \$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6) and puls\$3). cfm. | US-PGPUB;<br>USPAT;<br>UPAD | OR               | OFF     | 2011/02/24 15:15 |
| S11   | 15   | (implant\$6 and (hous\$3 cas\$3) and cardiac and detect\$3 and lead\$1 and (control\$5 microcontrol \$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6) and puls\$3). cfm. | US-PGPUB;<br>UPAD           | OR               | OFF     | 2010/07/15 14:26 |
| S19   | 14   | (implant\$6 and (hous\$3 cas\$3) and cardiac and detect\$3 and lead\$1 and (control\$5 microcontrol \$5) and (arrhythmia tachyarrhythmia tachycardia) and (pac\$1 stimulat\$6) and puls\$3). cfm. | US-PGPUB;<br>UPAD           | OR               | OFF     | 2010/11/15 17:58 |

2/ 24/ 2011 3:23:54 PM

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